



16179 U.S. PTO

The Commissioner for Patents  
United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450  
ATTN: Mail Stop Patent Application

22264 U.S. PTO  
10/758561



Re: U.S. Utility Patent Application  
Appl. No. (Not yet assigned); Filed 1/14/04  
For: **Integrated Photonic-Electronic Circuits and Systems**  
Inventor(s): **Dickinson, et al.**  
Docket No.: **LUX-P017**

Sir:

The following documents are forwarded herewith for action by the U.S. Patent and Trademark Office:

1. U.S. UTILITY APPLICATION  
entitled: **Integrated Photonic-Electronic Circuits and Systems**  
having named inventor(s):  
**Dickinson, et al.**
  - a. a specification consisting:
    - (i) 31 pages prior to the claims, including title page;
    - (ii) 20 pages of claims;
    - (iii) 1 page abstract;
  - b. 26 sheets of **informal** drawings: (Figs 1, 2a-j, 3-10, 11a-11b, 12a-b, 13-15)
2. An **original, executed** Combined Declaration and Power of Attorney by named inventors;
3. Form PTO-1082 (in duplicate);
4. Cover letter for Assignment (Form PTO-1595)
5. An original, executed Assignment to **LUXTERA, INC.**, executed by named inventors, recordation of which is hereby requested;
6. Request and Certification Form PTO/SB/35 (11-00);
7. Check No. 5442 For \$ 1584 to cover:

Patent application filing fee:	\$ 385.00
Assignment Recordation fee:	\$ 40.00
Excess claims fee:	\$1159.00
8. Information Disclosure Statement and Forms PTO/SB/08A and PTO/SB/08B with 14 references;
9. Application Data Sheet( 5 sheets); and
10. A return post card

It is respectfully requested that the attached postcard be stamped with the filing date of the above documents and unofficial application number and returned to the addressee as soon as possible.

Respectfully submitted,

1/15/04  
Date

Mircea Achiriloaie  
Reg. No. 48,880  
Customer No: 22877  
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**CONTINUATION-IN-PART APPLICATION (CIP)**  
**Transmittal Under Small Entity Status**  
**Under 37 CFR § 1.53(b)**

Attorney Docket No.  
Lux-P017

**TO THE COMMISSIONER FOR PATENTS:**

Transmitted herewith is a patent application under 37 CFR § 1.53(b) entitled, **Integrated Photonic-Electronic Circuits and Systems**, for a(n):

( ) Original Patent Application.

(X) Continuing Application (prior application not abandoned):

( ) Continuation ( ) Divisional (X) **Continuation-in-part (CIP)**  
of prior application No: 10/606,297 Filed on: 06/24/2003

Continuation-in-part application by the following named inventor(s):

Inventor	Residence	Citizenship	Post Office Address
<b>Alexander G. Dickinson</b>	466 Monterey Drive, Laguna Beach, CA 92651	USA	Same as residence
<b>Lawrence C. Gunn III</b>	1008 East Palm Street, Altadena, CA 91001	USA	Same as residence
<b>Philip M. Neches</b>	60 Lenox Road, Summit, NJ 07901	USA	Same as residence
<b>Andrew Shane Huang</b>	2901 Cape Sebastian Place, Cardiff by the Sea, CA 92007	USA	Same as residence

**Priority - 35 USC § 120**

(X) United State priority under 35 U.S.C. § 120 is claimed in prior application No 10/606,297 filed on 06/24/2003, status Pending.

( ) This above-identified prior application in which no payment of the issue fee, abandonment of, or termination has occurred is hereby expressly abandoned as of the filing date of this new application.

**Enclosures**

(X) Specification; 52 Total Pages. (X) Drawing(s); 26 Total Sheets

(X) Oath or Declaration:

(X) A newly executed combined oath or declaration and power of attorney (37 CFR § 1.63(d)(4)).

( ) A copy from a prior application for continuation/divisional (37 CFR § 1.63(d)(1)).

( ) Incorporation by reference. The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

( ) Power of Attorney was changed during prosecution of prior application to \_\_\_\_\_.

( ) Correspondence address was changed during prosecution of prior application to that shown below.

(X) An executed Assignment to **Luxtera, Inc.**, executed by named inventors, recordation of which is hereby requested

(X) Cover letter for Assignment (Form PTO-1595)

(X) Information Disclosure Statement (Form PTO/SB/08A and Form PTO/SB/08B) with 14 references

(X) A Form PTO/SB/35 (11-00) Request and Certification

(X) Application Data Sheet 5 pages

(X) Return Receipt Postcard.

( ) Other: \_\_\_\_\_.

**Filing Fee Calculation**

X Applicant Claims Small Entity Status (37 CFR 1.27)

CLAIMS					
	No. of Claims		Extra Claims	Rate	Fees
Basic Application Fee (\$740 large entity; \$385 small entity)					\$ 385.00
Total Claims	144	Minus 20 =	124	X \$18 =	
				X \$ 9 (small) =	1116.00
Total Independent Claims	4	Minus 3 =	1	X \$86 =	
				X \$43 (small) =	43.00
If Multiple Dependent Claims are presented, add \$290.00 or \$145.00(small)					
If Assignment enclosed, add Assignment Recording Fee \$40.00					40.00
<b>TOTAL APPLICATION FEE DUE</b>					<b>\$ 1,584.00</b>

X Check # 5542 for \$ 1584.00 for the above specified Total Fee is enclosed. However, should Applicant inadvertently miscalculated the required fee, the Commissioner is hereby authorized to charge the necessary additional amount associated with claims and this communication or credit any overpayment to **Deposit Account No: 500482**. A duplicate copy of this sheet is enclosed for fee processing.

**NO 18 MONTHS PUBLICATION**

**REQUEST AND CERTIFICATION UNDER 35. U.S.C. 122(b) (2) (B) (i)**

X I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen month after filing. **I hereby request that the attached application not to be publish under 35 U.S.C. 122(b).**

Respectfully submitted,

By: Mircea Achiriloaie  
Mircea Achiriloaie  
Reg. No. 48,880

Date: 1/13/04

Correspondence Address:

Customer No: 22877  
Fernandez & Associates, LLP  
PO Box D  
Menlo Park, CA 94026-6204  
Phone: 650-325-4999  
Fax: 650-325-1203

I hereby certify that this is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated below and is addressed to:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

By: Mary Chow

Typed Name: Mary Chow

Express Mail Label No.: EV 223672606 US

Date of Deposit: 1/14/04

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)</b>	First Named Inventor		Dickinson, et al.
	Title	Integrated Photonic-Electronic Circuits and Systems	
	Atty Docket Number		LUX-P017

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

1/13/04

Date



Signature

Mircea Achiriloaie

Reg. No. 48,880

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

**Burden Hour Statement:** This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request).

Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete.

This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: P.O.**

**Box 1450, Alexandria, VA 22313-1450.**